

IRRIGATION TECHNICIAN

DISTINGUISHING FEATURES

The fundamental reason the Irrigation Technician exists is to install, diagnose and troubleshoot irrigation related problems and equipment in the Parks, Recreation and Facilities division of the Community Services Department. This classification not supervisory. Work is performed under the general supervision of a Maintenance Worker III.

ESSENTIAL FUNCTIONS

Acts as consultant to diagnose and troubleshoot irrigation related problems.

Designs irrigation systems.

Reviews and makes revisions on proposed irrigation designs to assure they meet the City's specifications and standards.

Operates heavy equipment (backhoe, small and large trenchers, dump truck, front end loader, etc.) and hand tools to install/repair irrigation components.

Installs, troubleshoots, and repairs many types and models of irrigation controllers, including electrical troubleshooting of all the systems components.

Performs annual testing and repair work on all types of backflow prevention devices.

Maintains, repairs, and troubleshoots numerous sizes and types of control valves ranging in size from ¾" to 6".

Repairs irrigation mainlines from 1" to 8" in size, using components and techniques established by the industry. Trains personnel as needed.

Maintain detailed written records of maintenance activities and completed work orders.

MINIMUM QUALIFICATIONS

Knowledge, Skills, and Abilities

Knowledge of:

Methods, tools, equipment, materials, and practices used in the irrigation trade
Motorola Central Control System and related components.

Ability to:

Diagnose and troubleshoot irrigation related problems.

Design irrigation systems.

Install and repair systems and controllers.

Repair backflow prevention devices

Perform irrigation maintenance functions requiring manual dexterity and precision measurements.

Work in a safe, skillful and timely manner.

Operate a motor vehicle and heavy equipment (backhoe, trencher, dump truck, etc.) used in irrigation trade.

Understand and use proper safety procedures.

Work continually in a variety of weather conditions.

Move heavy objects over fifty pounds.

Work in bent positions in holes.

Perform basic math calculations.

Establish and maintain effective working relationships with coworkers, supervisors, and the general public.

Maintain regular consistent attendance and punctuality.

Work various hours according to the season of the year.

Education & Experience

Requires three years irrigation work experience. Irrigation Auditor Certification, and/or Backflow Prevention Assembly Tester Certification is desired. Requires a valid Arizona Driver's License with no major driving citations in the last 39 months.

FLSA Status: Non-exempt

HR Ordinance Status: Classified